GOVERNMENT OF INDIA
CHEMICALS AND FERTILIZERS
LOK SABHA

UNSTARRED QUESTION NO:2697
ANSWERED ON:21.03.2005
DEVELOPMENT OF MOLECULES FOR PHARMACEUTICAL USE
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Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

(a) whether the Government proposes to take action for the development of new molecules for pharmaceutical use;

(b) if so, the details thereof and the amount allocated for the purpose during 2005-06;

(c) the amount allocated and actually spent in Research and Development (R&D) for Pharmaceuticals sector during the last three years;

(d) whether the Ministry is coordinating with other research organisations of various Government departments for new molecule development;

(e) if so, the details thereof; and

(f) the details of new molecules developed for pharmaceutical use during the last three years and out of them which molecules are in actual used by different pharmaceutical companies?

Answer

THE MINISTER OF CHEMICALS AND FERTILIZERS AND MINISTER OF STEEL (SHRI RAM VILAS PASWAN):

(a) and (b) The `Drugs & Pharmaceuticals Research Programme` of the Department of Science & Technology is an important initiative towards this objective. The Pharmaceuticals Research and Development Support Fund (PRDSF) has been set up with an initial corpus of Rs.150 crores during 2003-04 and the Drugs and Pharmaceuticals Research programme has been merged with PRDSF Scheme. The interest earned from this fund will be used for R & D in Pharmaceuticals sector. An initial budgetary support of Rs. 10 crores was provided for sustaining various activities during the Financial year 2003-04, since the interest on this corpus will be accrued only after a year. During the financial year 2005-06 an amount of Rs 160 crore have been allocated towards this Fund.

(c) The details are as follows:

Funds released (Rs. in lakhs)

Year	2001-02	2002-03	2003-04
Amount allocated	400.00	975.00	975.00
Amount spent	398.00	975.00	934.00

(d) to (f) The R & D in CSIR laboratories is supported through collaboration with other national agencies/ organizations viz. Department of Biotechnology, Department of Science and Technology, Indian Council of Medical Research, international agencies and industry. The following molecules have been developed during the last 3 years:

New Synthetic Molecules

S.No.	Activity	Status
1	Hypolipidemic	Collaborative-cum-licensing agreement executed with Cadila Pharmaceuticals in 2004
2	Antimalarial	Collaborative-cum-licensing agreement done with IPCA Laboratories on 24.11.04.
3	Antiulcer	Under Development
4	Antiosteoporotic	Under Development
5	Treatment and management of stress	Under Development

Further, a list of new molecules developed for pharmaceutical use, in India during the last three years by the pharmaceutical companies is in enclosed statement. These molecules are under various stages of clinical trials as per Drugs and Cosmetics Rules. Therefore, these molecules have not yet been approved for marketing in the country.

Statement

S.No.	Name of New Molecules under development in India
1	2
1	LL-4218
2	RBx 7644 (Ranbezolld)
3	LLL-3348 (Desoris)
4	133H

5 LL-4558
(Sudoterb)

6 WCK-1152

7 RBx 11180

8 DRF 10945

9 ZYH1

10 RBx 10558

11 RBx 10416

12 RBx 11082

13 Thrombinase

14 CT-1

15 RBx 9841

16 CDR 134D-123